

CLAIMS

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1. An image-transfer system (AP1) comprising:
an image-transfer device for converting between a digital image and a hard-copy media image;
a media-feeder for feeding media to said image-transfer device;
5 a skew detector for detecting sheet-feed skew in said media;
a memory for storing said digital image; and
a controller for applying digital skew compensation to said digital image as a function of sheet-feed skew detected by said skew detector.
2. A system as recited in Claim 1 wherein said memory, at any given time, holds less than half the data associated with said digital image.
3. A system as recited in Claim 1 wherein said digital image data is transferred from said image-transfer device to said memory
4. A system as recited in Claim 1 wherein said compensated digital image data is transferred to said image-transfer device.
5. A system as recited in Claim 1 wherein said function indicates raster line offsets as a function of raster position.
6. A system as recited in Claim 5 wherein fractional raster-line offsets indicate interpolation weights for neighboring pixels.

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7. A media transfer method comprising the steps of:
feeding sheet media to a image-transfer device;
detecting media skew in said media as it is fed to said image-transfer device;
transferring between a hard-copy image and a digital image stored in digital memory; and
5 digitally skewing said digital image as a function of said media skew.
8. A method as recited in Claim 7 wherein less than half of said digital image is stored in said digital memory at any given time.

9. A method as recited in Claim 7 wherein said digitally skewing step occurs after said transferring step.

10. A method as recited in Claim 7 wherein said digitally skewing step occurs before said transferring step.

11. A system as recited in Claim 7 wherein said function indicates raster line offsets as a function of raster position.

12. A system as recited in Claim 11 wherein fractional raster-line offsets indicate interpolation weights for neighboring pixels.